



TECHNICAL SUPPORT WORKING GROUP



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Arlington, VA*



Overview



- **TSWG:** *What is it, and what is its purpose?*
- **On-going Collective Protection Efforts:** *What are current technology objectives?*
- **Questions or Comments**



Mission



Conduct national interagency research and development (R&D) for combating terrorism based upon user requirements.



Charter



The TSWG is the U.S. national forum that identifies, prioritizes, and coordinates interagency and international R&D requirements for combating terrorism. It is chartered to support national combating terrorism objectives



TSWG Structure



Oversight
DOS

**Executive
Program Direction**
ASD (SO/LIC)

Technical Chairs

DoD

FBI

DOE

COORDINATOR FOR COUNTERTERRORISM

PROGRAM MANAGEMENT
*Combating Terrorism
Technology Support Office
DoD*

MULTI-AGENCY MEMBER SUBGROUPS

**Chemical, Biological,
Radiological, Nuclear
Countermeasures**

FBI/IC

**Improvised Device
Defeat**

FBI/ATF

**Investigative
Support &
Forensics**

FBI/USSS

**Physical
Security**

DoD

**Tactical
Operations
Support**

DoD

**Explosives
Detection**

TSA

**Infrastructure
Protection**

FBI/DoD

**Personnel
Protection**

USSS

**Surveillance,
Collection &
Operations Support**

IC



TSWG Members



Department of Defense

OASD(SO/LIC)
OASD (C3I)
OATSD(NCB)CP/CBD
OUSD(A&T) DDR&E and S&TS/LW
Defense Computer Forensics Laboratory
Defense Intelligence Agency
Defense Logistics Agency
Defense Threat Reduction Agency
National Reconnaissance Office
National Security Agency
The Joint Staff
Unified Commands
US Special Operations Command
US Air Force
 Air Combat Command
 AFOSI
 Force Protection Battle Laboratory
 Force Protection System Programs Office
 Security Forces Center
US Army
 52nd ORD
 SBCCOM / ECBC
 Corp of Engineers / WES / PMDC
 Criminal Investigations Command
 Joint Program Office for Bio Defense
 Special Forces
 Technical Escort Unit
 National Guard Bureau
US Navy
 JPO / STC
 Naval Criminal Investigative Service
 Naval Facilities Engineering Service Center
 Naval Special Warfare
 NEODTD / DTRG
US Marine Corps
 Chemical Biological Incident Response Force

Department of State

Office of the Coordinator for Counterterrorism
Diplomatic Security
Foreign Buildings Operations

Department of the Treasury

Bureau of Alcohol, Tobacco and Firearms
Explosives Technology Branch
Forensic Science Laboratory
National Laboratory Center
Office of Law Enforcement
US Customs Service
US Secret Service
Forensic Services Division
Technical Security Division

Department of Justice

Drug Enforcement Administration
Federal Bureau of Investigation
Laboratory Division
Bomb Data Center
Forensic Science and Training Center
Hazardous Material Response Unit
Materials and Devices Unit
WMD Operations Unit
National Infrastructure Protection Center
Federal Bureau of Prisons
National Institute of Justice
Office of Science and Technology
US Marshals Service

Department of Agriculture

Agricultural Research Service
Animal and Plant Health Inspection Service
Food Safety and Inspection Service
Office of the Inspector General

Department of Energy

NNSA
Office of Safeguards and Security
Office of Energy Intelligence

Department of Health and Human Services/USPHS

Food and Drug Administration
Office of Emergency Preparedness

Department of Commerce

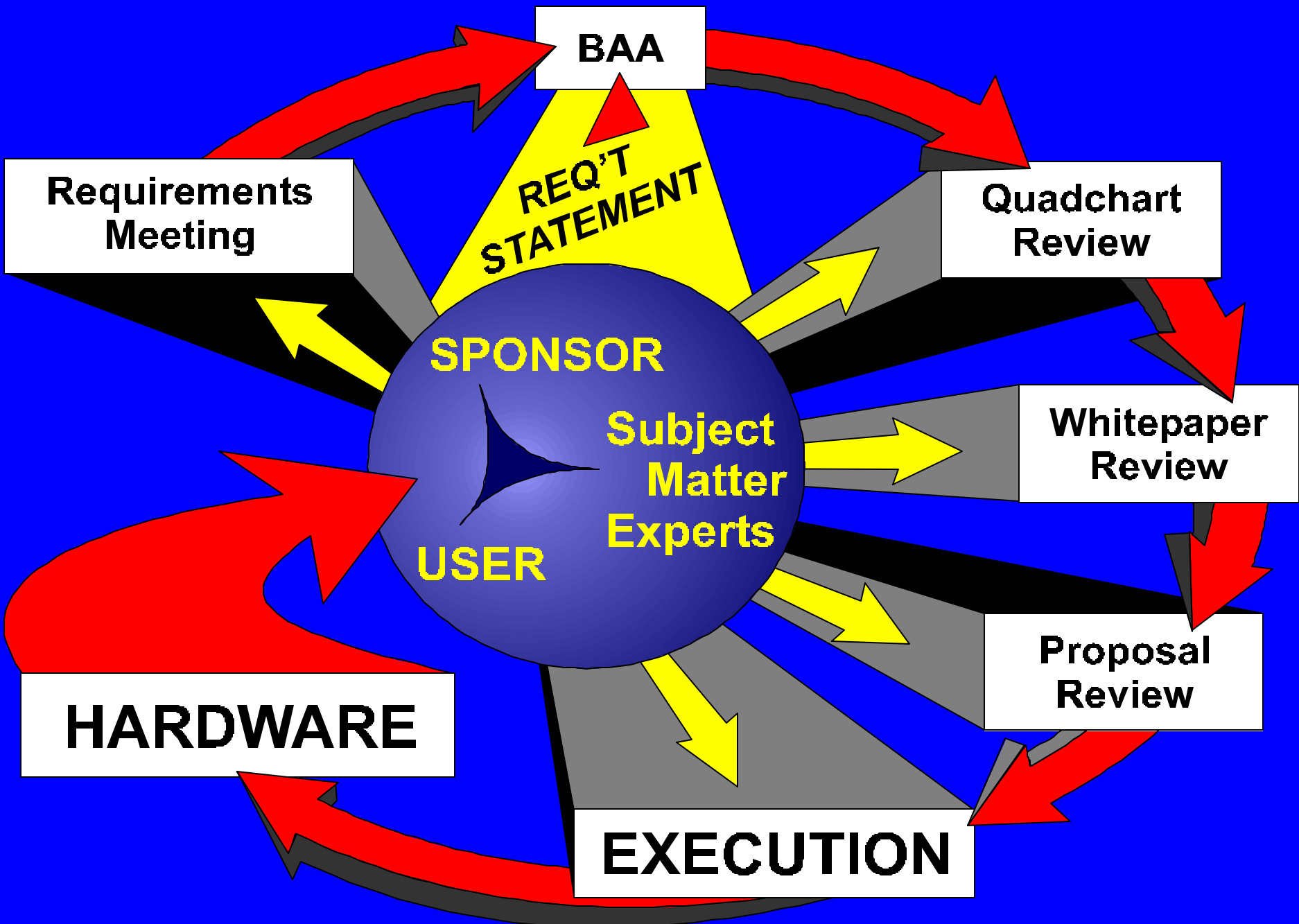
National Institute of Standards and Technology
Office of Law Enforcement Standards

Department of Transportation

US Coast Guard
Intelligence and Security Division
Transportation Security Administration
Office of Civil Aviation Security
FAA/TSA Technical Center
Volpe Center

Other

Central Intelligence Agency
Counterterrorism Center
Center for CIA Security
Central MASINT Organization
Environmental Protection Agency
Federal Emergency Management Agency
US Postal Inspection Service
US Supreme Court Police
Nuclear Regulatory Commission
US Capitol Police





BAA Solicitation Process



User community
products availability
and technology
opportunities for
contractors.

TSWG.gov

ABOUT BIDS TSWG USERS COMMUNITY SUPPORT SEARCH

The Technical Support Working Group (TSWG) is the U.S. national forum that identifies, prioritizes, and coordinates interagency and international research and development requirements for combating terrorism.

This site features **New Technology and Products** used in countering terrorism efforts. Use the Quick Link drop-down on the right to find specific products!

New
Product

ABOUT

COMMUNITY

[Program Overview 2000](#)
[Combating Terrorism](#)
[Who We Are](#)
[President's Strategy](#)
[Mission Statement](#)
[Objectives](#)
[Executive Committee](#)
[International Partners](#)

[Publications](#)
[Technology Transition/Commercialization Opp](#)
[New Technologies & Products for Combating T](#)
[Explosives, Detection & Defeat Tools](#)
[Physical Security Technology](#)
[Chemical, Biological, Radiological Counterme](#)
[Infrastructure Protection Technology](#)
[Combating Terrorism Links](#)
[Terrorism](#)
[Combating Terrorism](#)

PARTNER SITE:
BROAD AGENCY ANNOUNCEMENT
INFORMATION DELIVERY SYSTEM

TSWG B.I.D.S. BAA Information Delivery System

Home Actions Tools Search Help

Welcome
Download BAAs
Respond to BAA

The prime
Program:
The inter-
capabilities
My Submissions
Templates
Misc. Info.

Technical Support Working Group (TSWG) Broad Agency Announcement (BAA) Information Delivery System (BIDS).

conduct rapid research, development, and prototyping for the National Inter-Agency Research and Development (NIARD) operates in specific mission areas as identified on this web site and as published in the Commerce Business Daily (CBD). It is to identify technologies and approaches that may provide near, mid, and long term solutions that enhance current and future threat requirements.

The BIDS web site is provided as a tool for dissemination and receipt of data related to active solicitations for the TSWG. The information presented is meant to encourage responses from industry, government laboratories, educational institutions, and other sources to provide technology solutions to the requirements identified in advertised and downloadable BAA packages open to the general public.

If you are interested in providing a response to a particular BAA, you must first register to obtain a log in name and password. You will be notified of action approval by email to the address provided during the registration process.

Privacy and Security Notice

Information obtained for site login as well as the uploaded responses transmitted by registered sources is protected as private information and is considered sensitive to the BAA solicitation process.

This computer system uses software programs to create summary statistics, which are for such purposes as assessing what information is of most or least interest, determining technical design applications, and identifying system performance or problem areas. Data maintained for registered users is considered to be the minimum needed for the proper conduct and execution of the BAA process. Except for authorized law enforcement investigations, no other attempts are made to identify individual users to the TSWG BIDS site or to track usage habits. Raw data logs are used for no other purposes and are scheduled for regular destruction. All data collection activities are in accordance with DOD Directive 52401.

NOTICE: Unauthorized attempts to upload information or to change information on this service are strictly prohibited and may be punishable under the Computer Fraud and Abuse Act of 1987 and the National Information Infrastructure Protection Act.

Unclassified

If you are having trouble accessing this site, please submit a [Help Request](#) document.

Requirements announced
and secure receipt
(vendors) and evaluation
(participating agencies) of
technology proposals via
www application.



Requirements



- Improve operational performance and reduce costs of respiratory and percutaneous personal protection equipment for chemical or biological agents and toxic industrial chemicals in a non-battlefield environment.**
- Improve performance and reduce costs of building collective protection filtration materials.**

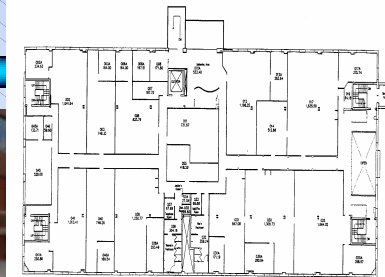
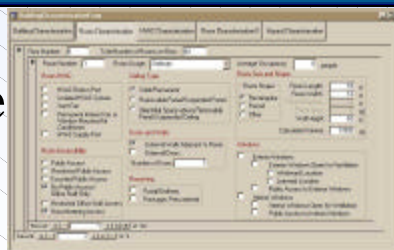


Collective Protection Buildings Focus



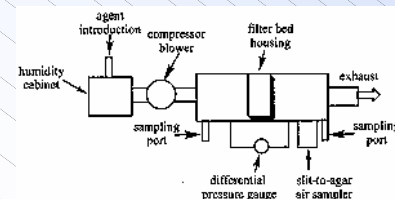
*Vulnerability
Assessment*

**Building Exposure
Risk Analysis
Protocol**



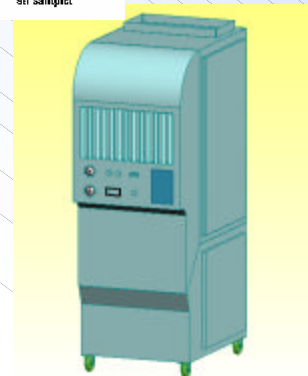
Testing Protocols

**Building CB Filter
Standard Test
Protocols**



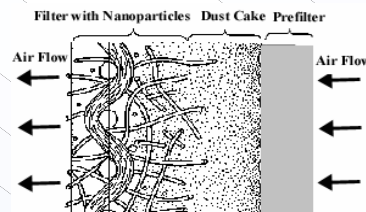
Filter Assessment

**Modular Portable
NBC Filter System**



**Reactive Nanoparticles;
Regenerable
Microfibrous;
Advanced Gel Based
Filters**

*Advanced Filter
Materials*





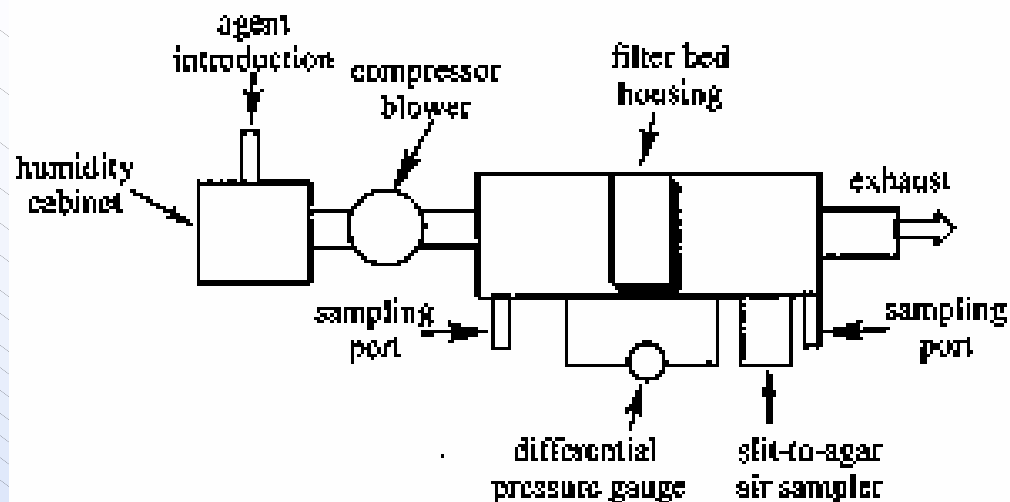
Building Filtration Standard Test Protocol



Requirement: Define a standard test protocol and apparatus to compare performance of standard building HVAC 2'X2' filters for removal of chemical agents and toxic industrial chemicals.

Approach/Status:
-FY2002 new start.

Users: DOD, DOS, GSA





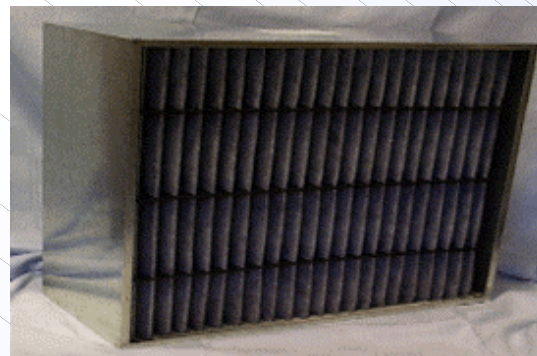
Advanced Building Filter Materials Development



Requirement: Evaluate advanced filtration media for removing CB and TIC agents from building ventilation systems.

Approach/Status:

**-Reactive Nanoparticle;
Gel absorbent;
Regenerable Microfibrous
Filters**



Users: DOD, DOS, GSA



Modular Portable NBC Filtration System



Requirement: Develop a small externally powered filtration system that can be incorporated into an existing room and HVAC system providing positive pressurization, HEPA and ASZM-TEDA filtration to protect occupants from deliberate chemical or biological agent release.

Status: FY 02 New Start

Users: DOS, DOD, IC





Building Exposure Risk Analysis Protocol

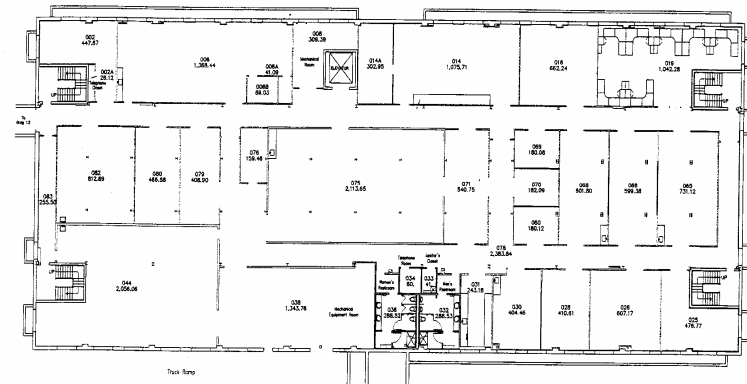


Requirement: Reduce the cost of assessing exposure risks in new and existing structures.

Approach/Status:

- Adapt risk assessment protocol
- Menu-driven laptop software
- Users are building and security managers
- Office building (embassy) and school evaluation scenarios
- Delivery Spring 2001.

Users: DoD, GSA, DOS, USSS





Building Exposure Risk Analysis Protocol

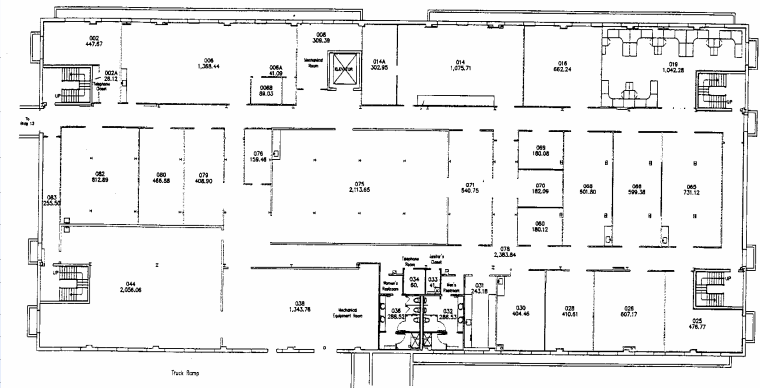


Description: Reduce the cost of assessing exposure risks in new and existing structures.

Product: Software package

Delivered: May 2001

Users: DOS, DoD





Summary



- **Transitioning basic science from the laboratory to prototypes in the field guided by user needs.**
- **Focusing on the non-battlefield toxic industrial chemical terrorist threat.**